Common Aviation Command and Control System (CAC2S)

Description

The Common Aviation Command and Control System (CAC2S) is a coordinated modernization effort to replace the existing command-and-control (C2) equipment of the Marine Air Command and Control System (MACCS), which will provide the Aviation Combat Element (ACE) with the necessary hardware, software, equipment, and facilities to effectively command, control, and coordinate air operations. The CAC2S will accomplish MACCS missions with a suite of operationally scalable modules capable of supporting any operational contingency. The CAC2S integrates the functions of aviation C2 into an interoperable naval system that will support the core competencies of all Marine Corps warfighting concepts.

Operational Impact

The CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports the tenets of *Expeditionary Maneuver Warfare* and fosters joint interoperability with the C2 systems. CAC2S will replace legacy C2 systems in the following Marine aviation C2 elements: Tactical Air Command Center (TACC), Tactical Air Operations Center (TAOC), Direct Air Support Center (DASC), Marine Air Traffic Control Detachment (MATCD), and Low Altitude Air Defense Battalion (LAAD BN).

Program Status

CAC2S is being developed in three increments as part of an evolutionary acquisition strategy. Increment I will replace the functionality of the TAOC, and will baseline the core information fusion and management function common to all increments. Increment II will achieve integration between CAC2S and the Air Traffic Navigation and Coordination System for air traffic control functionality. CAC2S is an Acquisition Category II Program in the system development and demonstration phase. Initial Operational Capability (IOC) for Increment I and Increment I is planned concurrently for FY 2007.

Procurement Profile:	FY 05	FY 06
Quantity:	0	0

Developer/Manufacturer:

Raytheon Integrated Defense Systems, San Diego, CA